CLAIMS

1. A system for assigning object identifiers, comprising:

a global positioning system (GPS) receiver for providing location and time information;

an identification generator that generates an identifier, wherein the identifier includes the provided location and time information in an encoded format; and

a system for assigning the identifier to an object located proximate the GPS receiver.

2. The system of claim 1, wherein the location information includes three dimensional information.

3. The system of claim 1, wherein the object and assigned identifier are stored in a database with similar objects and their respective assigned identifiers.

4. The system of claim 1, wherein the identification generator is located remotely from the GPS receiver.

5. The system of claim 1, wherein the identification generator is located locally to the GPS receiver.

6. A program product stored on a recordable medium for assigning object identifiers, the program product comprising:

means for receiving location and time information from a global positioning system (GPS) receiver;

means for generating an identifier, wherein the identifier includes the received location and time information in an encoded format; and

means for outputting the identifier in a format suitable for tagging an object located proximate the GPS receiver.

7. The program product of claim 6, further comprising means for processing simultaneous events that occur at a common location.

8. The program product of claim 6, ~~further comprising database means for storing the~~ identifier.

9. A system for processing object identifiers in an e-commerce environment, comprising:

a database for holding objects;

at least one identification system for providing unique identifiers for objects, wherein the identification system obtains location and time information from a global positioning system (GPS) and encodes the location and time information into each unique identifier; and

an application for processing the objects, wherein the application includes a system for processing the unique identifier.

10. The system of claim 9, wherein the application comprises a referencing system that allows objects in the database to be tracked.

11. The system of claim 9, wherein the application comprises a time checking system that extracts time information from the unique identifiers provided to the objects.

12. The system of claim 11, wherein the objects comprise events and the time checking system compares a time difference between events.

13. The system of claim 9, wherein the application comprises a routing system that extracts location information from the unique identifiers provided to the objects.

14. The system of claim 13, wherein the objects comprise routers in a network, and the applications routes data by examining the location information associated with each router.

15. The system of claim 9, wherein the application comprises a security system.

16. The system of claim 15, wherein objects comprise login events to a computer system, and the security system ensures that each unique identifier is not afforded multiple login events.

17. The system of claim 9, wherein the application comprises a data translation system that extracts information from the unique identifier and translates it into a different format.

18. The system of claim 9, wherein the objects comprise limited use transactions, and the application validates each transaction.

19. A method of generating object identifiers, comprising the steps of:

obtaining time and location information from a global positioning system (GPS);

generating a unique identifier from the time and location information, wherein the time and location information is encoded into the unique identifier; and

associating the unique identifier with an object.

20. The method of claim 19, wherein the object exists at a time and location where the time and location information is received.

21. The method of claim 19, comprising the further step of extracting the time information from the unique identifier in order to process the object.

22. The method of claim 21, comprising the further step of comparing the time information extracted from a first and second object.

23. The method of claim 19, comprising the further step of extracting the location information from the unique identifier in order to process the object.

24. The method of claim 19, comprising the further step of tracking the object using the unique identifier.